PATENT COOPERATION TREATY

PCT

TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference T 45467WO/NZ/sb				FOR FURTHER ACTION		See Form PCT/IPEA/416				
International application No.				International filing date		Priority date (day/month/year)				
		2004/00		08.09.2004		16.09.2003				
International Patent Classification (IPC) or national classification and IPC H04M1/D4, H04M1/60										
Applicant AUDIOTON KABELWERK GMBH										
1.	 This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 									
2.	This R	EPORT cons	ists of a total of	5	sheets, include	ling this cover sheet.				
3.	This re	eport is also a	ccompanied by A	NNEXES, comprising:						
	a. 🔀	(sent to	the applicant and	to the International Bur	eau) a total of 4	sheets, as follows:				
	sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).									
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.									
	ь. Г	7		Rureau anly) a total of G	ndicate type and num	aber of electronic carrier(s))				
	в	(sent to	ine international	Bureau omy) a totai oi (i	indicate type and num	.,,				
	, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).									
4.	This re	eport contains	indications relati	ng to the following items	s:					
	\boxtimes	Box No. I	Basis of the	report						
		Box No. II	Priority							
		Box No. III	Non-establi	shment of opinion with r	egard to novelty, inv	entive step and industrial applicability				
		Box No. IV	Lack of unit	y of invention						
	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement									
Box No. VI Certain documents cited										
	Box No. VII Certain defects in the international application									
	Box No. VIII Certain observations on the international application									
Date of submission of the demand				Date of completion of	this report					
Name and mailing address of the IPEA/EP				1	Authorized officer					
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Facsimil	le No.			[1	Геlephone No.					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/DE2004/001999

Вох	No. I	Basis of the report									
 With regard to the language, this report is based on the international application indicated under this item. 		ional application in the language in	which it was filed, unless otherwise								
			report is based on translations from the original language into the following language this the language of a translation furnished for the purposes of:								
		international search (Rule 12.3 and 23.1(b))									
		publication of the international application (Rule 12	2.4)								
		international preliminary examination (Rule 55.2 ar	nd/or 55.3)								
2.	rece		ard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to rt):								
		the international application as originally filed/furnished									
	\boxtimes	the description:									
		pages <u>1-15</u>		as originally filed/furnished							
		pages*	received by this Authority on								
		pages*	received by this Authority on								
	\boxtimes	the claims:									
		nos.		as originally filed/furnished							
				r with any statement) under Article 19							
		nos.* 1-12	received by this Authority on	15.07.2005 with letter of 15.07.2005							
		nos.*									
	\boxtimes	the drawings:									
		sheets 1/6-6/6		as originally filed/furnished							
		sheets*									
		sheets*									
		a sequence listing and/or any related table(s) – see Supple									
3.	$\overline{\Box}$	The amendments have resulted in the cancellation of:	and the second second								
٥.											
		the description, pages									
			the claims, nos.								
		the drawings, sheets/figs									
4.	$\overline{}$	any table(s) related to sequence listing (specify): This report has been established as if (some of) the ame	ndments annoyed to this report and	listed below had not been made since							
4.	Ш	they have been considered to go beyond the disclosure as									
		the description, pages									
		the claims, nos.									
		the drawings, sheets/figs	the drawings, sheets/figs								
		the sequence listing (specify):	the sequence listing (specify):								
		any table(s) related to sequence listing (specify):									
*	If ite	rm 4 applies, some or all of those sheets may be marked "su	ıperseded."								

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/DE2004/001999

Box		Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1.	Statement					
	Novelty (N)	Claims	1-12	YES		
		Claims		NO		
	Inventive step (IS)	Claims	1-12	YES		
		Claims		NO		
	Industrial applicability (IA)	Claims	1-12	YES		
		Claims		NO		

2. Citations and explanations (Rule 70.7)

This report makes reference to the following document:

- D1: WO 02/060168 A2 (AUDIOTON KABELWERK GMBH
 ZWEIGNIEDERLASSUNG SCHEINFELD; VOGEL, FRANK)
 1 August 2002 (2002-08-01)
- D1 is regarded as the prior art closest to the subject matter of claim 1. It discloses (the reference signs in parentheses refer to said document):

an adapter part (reference sign 14) for a connection system used to connect mobile radio terminals (page 5, lines 31-36) to an electronics system arranged in a vehicle, the connection system having a base part (reference sign 12) for permanent attachment in the vehicle and one or more retaining parts (reference sign 14, column 5, lines 5-9) each of which is for receiving a mobile radio terminal and can be connected to the base part (reference sign 12) via a second mechanical and electrical interface (page 6,

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

lines 30-36).

- 1.1 Therefore, the subject matter of claim 1 differs from the known adapter part in that the adapter part has the second mechanical and electrical interface for electrical and mechanical connection to the base part of the connection system, the second mechanical and electrical interface being an interface for connecting retaining parts for mobile radio terminals that have a control device for communication via the second interface by means of a first universal protocol and for converting the first universal protocol into a second, terminal-specific protocol, and in that the adapter part has a communication device for wireless communication with a mobile radio terminal via a third interface, and in that the communication device is also embodied such that it communicates via the second interface by means of the first, universal protocol and converts the first protocol into a third protocol in order to communicate with the mobile radio terminal via the third interface.
- 1.2. Therefore, the subject matter of the claim is novel (PCT Article 33(2)).
- 1.3. The problem to be solved by the present invention can be regarded as that of improving the flexibility of a communication

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

system that connects mobile radio terminals to an electronics system arranged in a vehicle.

- 1.4. The solution to this problem as proposed in claim 1 of the present application involves an inventive step (PCT Article 33(3)). The problem is neither known from nor rendered obvious by the available prior art.
- The same line of reasoning applies to independent claim 8. Therefore, the subject matter of claim 8 likewise involves an inventive step (PCT Article 33(3)).
- 3. Claims 2-7 and 9-12 are dependent on claims 1 and 8, respectively, and therefore likewise meet the PCT requirements for novelty and inventive step.
- 4. The subject matter of claims 1-12 relates to a connection system for connecting mobile radio terminals to an electronics system arranged in a vehicle. Therefore, this subject matter is industrially applicable.